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PATENT

Our Docket: P-IS 4534

#101A
7/31/02IN THE UNITED STATES PATENT AND TRADEMARK OFFICEIn re application of:
Aebersold and Goodlett

Group Art Unit: 1641

Serial No.: 09/748,793

Examiner: M. Tran

Filed: December 26, 2000

For: METHODS FOR RAPID AND
QUANTITATIVE PROTEOME
ANALYSISI hereby certify that this correspondence
is being deposited with the United States
Postal Service as first class mail in an
envelope addressed to: Commissioner for
Patents, Washington, D.C., 20231 on June
20, 2002.

By:

Deborah L. Cadena, Reg. No. 44,048

Commissioner for Patents
Washington, D.C. 20231June 20, 2002
Date of Signature

Sir:

RESPONSE TO OFFICE ACTION

Responsive to the Office Action mailed December 20,
2001, entry of the following amendments and consideration of the
following remarks are respectfully requested.

AMENDMENTS

1. (Amended) A method for identifying a polypeptide,
comprising:

(a) determining two or more characteristics associated
with said polypeptide, or a peptide fragment thereof, one of said
characteristics being mass of a peptide fragment of said
polypeptide determined by mass spectrometry;

(b) comparing said characteristics associated with
said polypeptide to an annotated polypeptide index; and